

VB/I-70 – OU2 DISCUSSION NOTES

Purpose of Today's Meeting:

- This meeting is to focus on the technical issues – legal and cost issues will be discussed at another time
- In light of new information on GW contamination (EPA's GW monitoring data and the City's own GW investigations by CTL Thompson and Brown & Caldwell), EPA has concerns with the existing RI fully defining the nature and extent of contamination is necessary.
- The existing RI's focused on soil contamination and did not fully evaluate the GW at OU2

EPA GW Data Report:

- EPA's report is only a data summary report of our 4 quarters of GW sampling
- Sampled for both metals and organics
- Sampling results indicate there are unanswered questions about GW contamination at OU2
- Insufficient GW monitoring points to fully assess the impact of the historic landfill
- Insufficient monitoring points along the South Platte River to assess whether contaminated GW is impacting the river. Sampling points are too far apart and too few.
- Sampling results indicate some GW parameters exceed ARARs
- ✓ ??Uncertain why RI only focused on As & Pb – b/c it was the soil contaminants for OU1??
- ✓ SGriffin's "determination" that GW is not a pathway of concern – SG did not make any determination
- ✓ EPA's NFA determination was only for the Globeville Landing Park and only for surface soil contamination

CTL Thompson and Brown & Caldwell Data:

- CTL Thompson's data does not conflict with EPA's data but raises additional questions about GW contamination due to the O/G smelter
- Cadmium is extremely high in some of their boreholes or wells
- CTL Thompson did not sample for organics – otherwise, data is comparable to EPA's data
- Xxx

Further Assessment of GW Conditions @ OU2:

- EPA is proposing to sample the CTL Thompson wells – we believe that at least 5 of the 6 wells still exist. We are unsure about the B/C wells.
- EPA is requesting assistance from the City on access to the CTL Thompson wells – it appears that most of the wells are on City-owned property.
- EPA would like to know if the CTL Thompson wells have been surveyed – it would help with water level readings.
- Xxx

- ✓ EPA will need to make some minor modifications to the QAPP to add the CTL Thompson wells as monitoring points and to survey the well elevations if necessary.
- ✓ Critical that we find CTL #3 monitoring well – if possible as that well is the one with cadmium levels of 3180. Not sure of the ownership of where this well is located. Does CCOD know?
- ✓ May need to modify PWT WA to add scope & budget
- ✓ Will CTL Thompson wells be destroyed with the construction of the 40th St. outfall project?

Summary – Next Steps:

- Once the CTL Thompson wells have been sampled, we can decide what the next steps should be
- Sampling should occur prior to construction of the 40th St. outfall sewer improvement begins